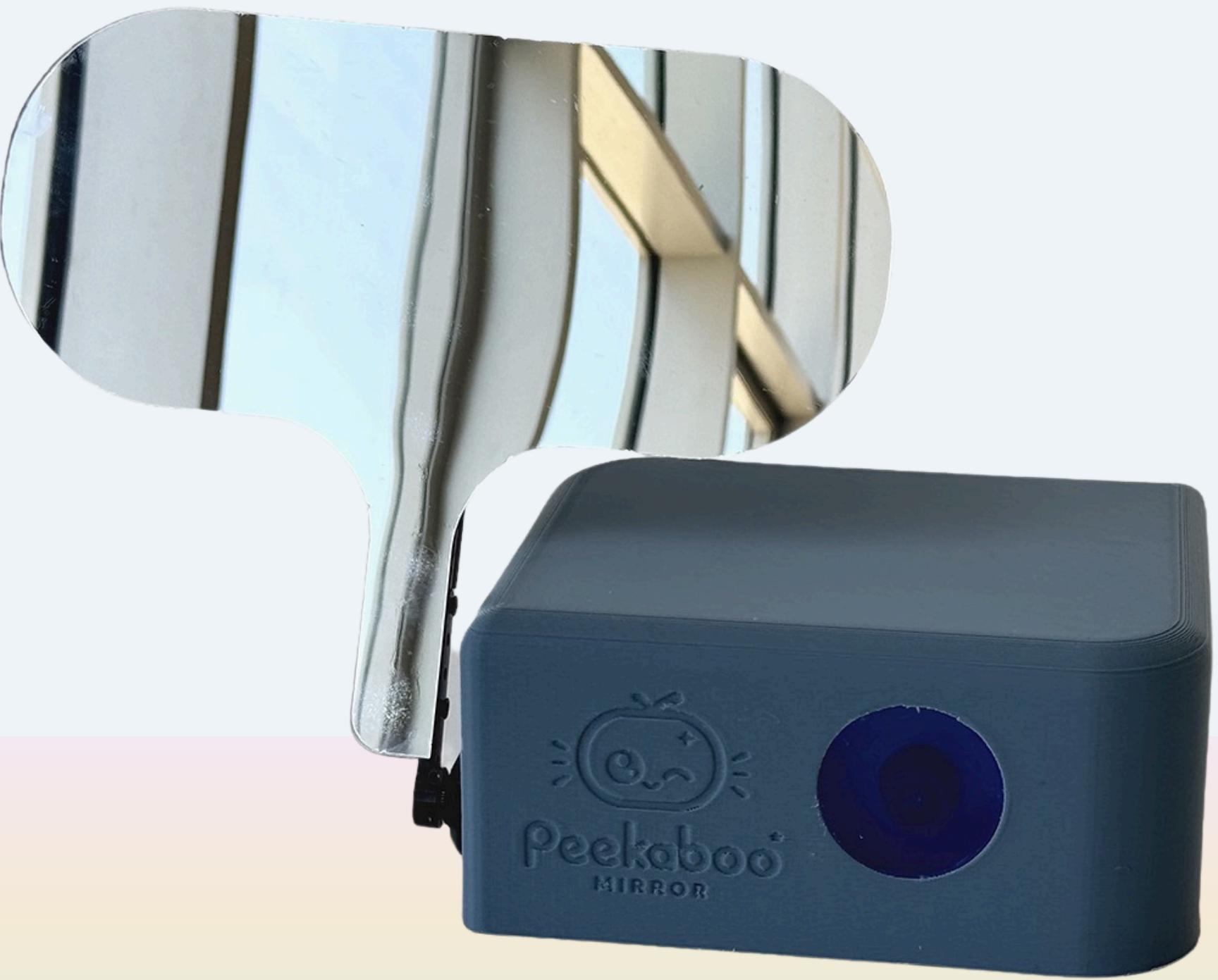


peekaboo

MIRROR

A smart car mirror that encourage eye-contact between parent & child.



Meet Our Team



Amit Berenstein
Goldenberg

Psychology



Almog Arazi

computer science



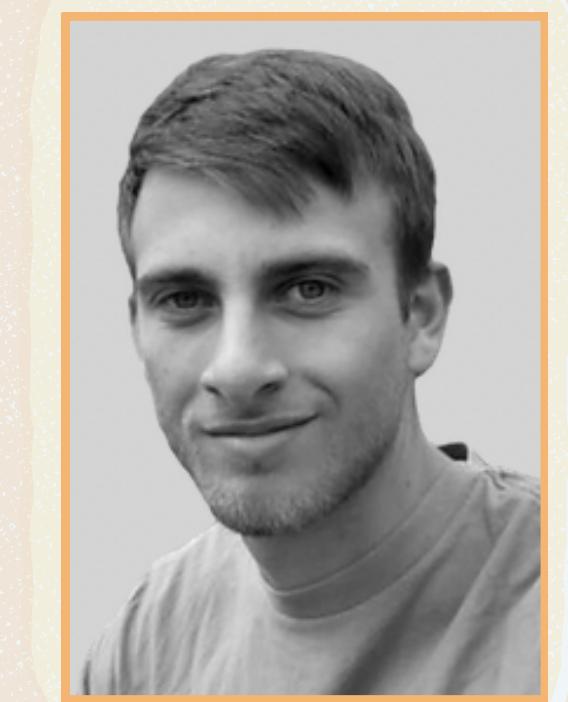
Ido Vigodman

communication



Lihi Rosenwasser

communication



Uri Winkowski

computer science

Today, children spend **less quality time**
with their parents and are more absorbed
in their smartphones.



"Travelling together in the car, is an occasion enabling conversations on very serious topics. That is, the car becomes a good place for certain sorts of conversations"

E Laurier, E., Lorimer, H., Brown, B., Jones, O., Juhlin, O., Noble, A., ... & Weilenmann, A. (2008)

“Eye contact provides a foundation of communication and social interaction.”

Senju, A., & Johnson, M. H. (2009). Trends in cognitive sciences, 13(3), 127-134. Chicago

Shira (mother for 2 children)

"When I was a child, I remember car trips as quality time with the parents I can't produce the same conversation today."

Chen (mother of 3 children)

"I'm really trying to have a conversation with him, all I want is for him to choose to put down the screen and talk to me for once"

Sharon, psychologist

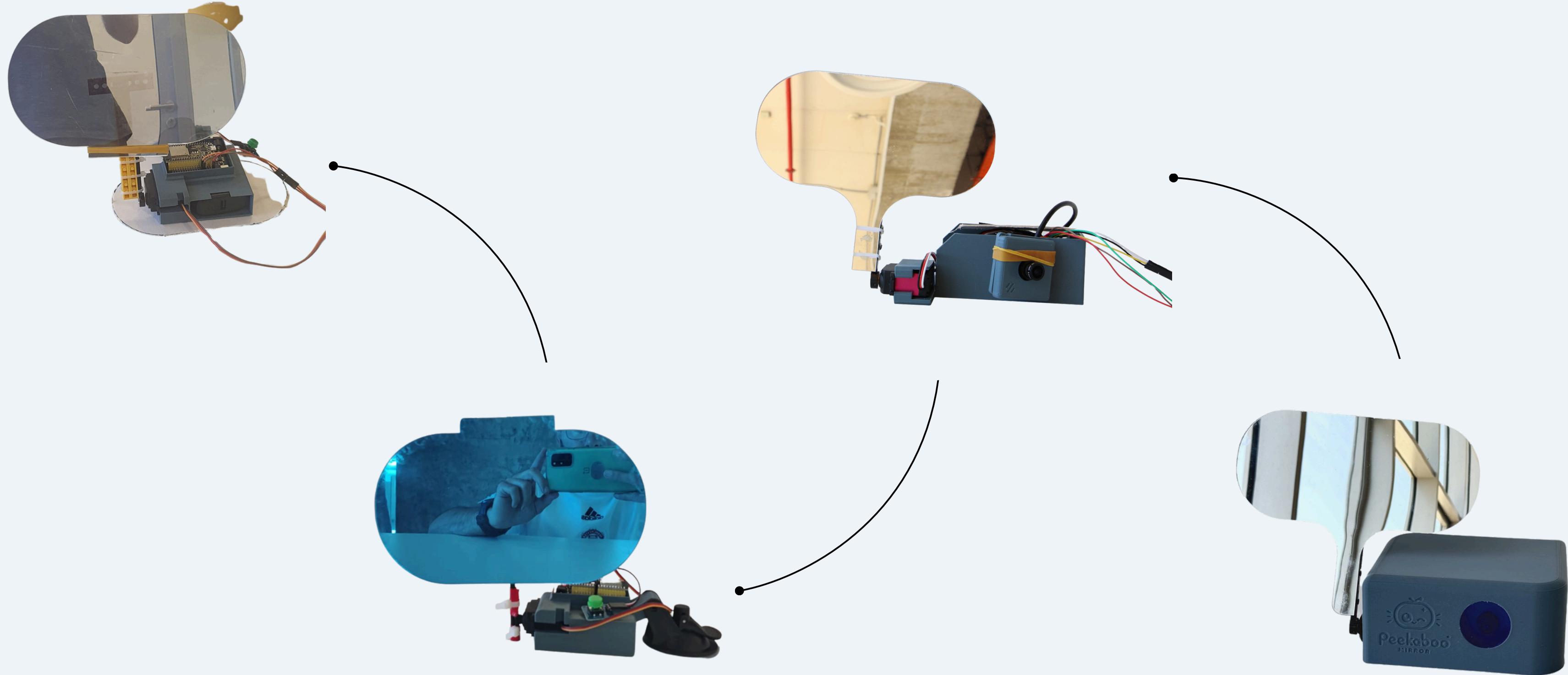
"The screens as a solution do not really contribute to the child's development - there is nothing that replaces the interpersonal interactions"



Meet

Peekaboo*
MIRROR

Design Iterative Process





Looking The mirror

The camera detects
pupil movement



pupils not detecting,
performs two swift
movements to attract
attention.

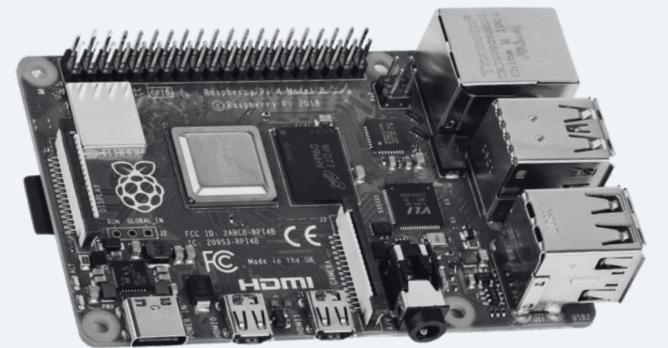


pupils detecting, the
mirror will stay
steady at an angle
that enables eye
contact.



If the child lifts their gaze, the mirror will stay steady at an angle that enables eye contact between the parent and the child.

Raperry pi 4



arduino push
button



servo motor



IR-CUT
Camera





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